

# MATERIAL SAFETY DATA SHEET

Manufacturer's Name:

**Masterchem®Industries, Inc.**

3135 Old Highway M

Imperial, MO 63052

Company Code: MTER

Issue Date: October 18, 2004

Transportation

Emergencies:

Call Chemtrec

1-800-424-9300

Emergency Telephone No.

1-800-325-3552

NPCA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM		
RATING	IDENTIFICATION	
4 = EXTREME	HEALTH	2
3 = HIGH	FLAMMABILITY	0
2 = MODERATE	REACTIVITY	0
1 = SLIGHT	CHRONIC HEALTH	See Section V
0 = MINIMAL		

## SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **Kilz 2®**

PRODUCT NUMBER: 51652-20001-0

PRODUCT CLASS: Water Reducible Coating

## SECTION II A-HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE	LISTED AS A CARCINOGEN
			TLV	PEL		
107-21-1	2.87	Ethylene Glycol	50 ppm	50 ppm	0.12 mm Hg @ 25°C	No

## SECTION II B - OTHER INGREDIENTS

Proprietary	30-40	Acrylic Resin Emulsion	-	-	-	No
7732-18-5	25-35	Water	-	-	-	No
13463-67-7	5-15	Titanium Dioxide	-	-	-	No
1317-65-3	10-25	Calcium Carbonate	-	-	-	No

## SECTION III - PHYSICAL DATA

APPEARANCE: White, Medium Viscosity Liquid	ODOR: Mild, Sweet Acrylic
BOILING RANGE: 212° F	VAPOR DENSITY: <input checked="" type="checkbox"/> HEAVIER <input type="checkbox"/> LIGHTER THAN AIR
EVAPORATION RATE: <input type="checkbox"/> FASTER <input checked="" type="checkbox"/> SLOWER THAN ETHER	66.83% VOLATILE VOLUME: 10.84 POUNDS WT/GAL

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: None	FLASH POINT: N/A	LEL: N/A	DOT: Not required
EXTINGUISHING MEDIA:			
DRY CHEMICAL <input checked="" type="checkbox"/>	ALCOHOL FOAM <input checked="" type="checkbox"/>	WATER FOG <input checked="" type="checkbox"/>	FOAM <input checked="" type="checkbox"/>
			CO <sub>2</sub> <input checked="" type="checkbox"/>
			OTHER <input type="checkbox"/>

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** This product will not burn, however dried primer film will support combustion.

**SPECIAL FIREFIGHTING PROCEDURES:** Firefighters and others exposed to products of combustion should wear self-contained breathing apparatus and full protective clothing. Use water to keep fire-exposed containers cool to reduce pressure.

## SECTION V - HEALTH HAZARD DATA

**EFFECTS OF OVER EXPOSURE:** Inhalation: May cause irritation to upper respiratory tract. Splash (Eyes): Can cause irritation, burning and redness. Splash (Skin): Prolonged or repeated contact may cause minor irritation. Ingestion: Gastrointestinal distress, vomiting and diarrhea may result.

**PRIMARY ROUTE(S) OF ENTRY:**

DERMAL <input checked="" type="checkbox"/>	INHALATION <input checked="" type="checkbox"/>	INGESTION <input checked="" type="checkbox"/>
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**EMERGENCY AND FIRST AID PROCEDURES:** Inhalation: Remove to fresh air. Treat symptomatically. Consult a physician. Splash (eyes): Flush immediately with large amounts of water for at least 15 minutes. Take to physician for medical treatment. Splash (skin): Wash affected areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists. Ingestion: Drink 1 or 2 glasses of water to dilute. Induce vomiting. Consult physician or poison control center immediately. Treat symptomatically.

## SECTION VI - REACTIVITY DATA

**STABILITY:**

UNSTABLE ☐STABLE ☒

**HAZARDOUS POLYMERIZATION:**

MAY OCCUR ☐WILL NOT OCCUR ☒

**HAZARDOUS DECOMPOSITION PRODUCTS:** May produce fumes when heated to decomposition, as in welding or fire. Fumes may contain: carbon monoxide, carbon dioxide, hydrocarbons and other products of combustion.

**CONDITIONS TO AVOID:** Temperature Extremes

**INCOMPATIBILITY:** (MATERIALS TO AVOID) Water-reactive materials

## SECTION VII - SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Limit spread of spill or leak. Ventilate area. Soak up with inert absorbent material and transfer to closed containers. See Section VIII for required protective measures. Keep material out of sewers and/or drains.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with all local, state and federal regulations. Dry product and empty containers may be landfilled. Full or partially full containers should be dried or coagulated with the liquid portion poured off. Coagulated material should be dried before landfilling. Product may also be incinerated.

## SECTION VIII-SAFE HANDLING AND USE INFORMATION

**RESPIRATORY PROTECTION:** If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or Equivalent) or leave the area.

**VENTILATION:** Ventilation of sufficient volume and pattern should be provided to minimize exposure. Local exhaust ventilation required when applying in a confined area.

**PROTECTIVE GLOVES:** Required, rubber or neoprene to prevent skin contact.

**EYE PROTECTION:** Use safety eyewear including splash guards or side shields.

**OTHER PROTECTIVE EQUIPMENT:** Wear protective clothing. Remove and wash contaminated clothing before re-use.

**HYGIENIC PRACTICES:** Wash hands before eating or using the washroom. Smoke in smoking areas only.

## SECTION IX - SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store in accordance with OSHA 1910.106. Store in a cool, dry, well ventilated area. Protect from freezing. Frozen product may coagulate and become unusable.

**OTHER PRECAUTIONS: DO NOT TAKE INTERNALLY.** Avoid prolonged contact with skin. Keep closure tight and container upright to prevent leakage. Do not store near heat, sparks, or open flame. Keep out of eyes. Do not breathe spray mist. Avoid contact with or breathing of vapors released during curing process. Do not remove or deface container label. Keep out of the reach of children.

### DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. The product is no more hazardous than its component parts pursuant to 29CFR 1910.1200 (D). The technical information on this MSDS sheet is based upon information submitted by manufacturers and additional information furnished by distributor's chemical suppliers and manufacturers. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

PREPARED BY: William R. Benton

DATE PREPARED: October 18, 2004

TITLE: MSDS Coordinator

SUPERSEDES: April 7, 2003

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(Signature Available upon Request)